Alexander Curtis – Web Developer & UI/UX Designer

https://www.alexandercurtis.dev/
alex.curtis@gmail.com
Houston, TX
713-371-7703

OVERVIEW OF SKILLS

Tools

- Windows and Mac
- Microsoft Office Suite
- Google Workspace
- Adobe Creative Cloud
- Cloud storage - Dropbox, Google Drive
- Collaboration tools - Slack, Microsoft Teams, Zoom
- Project / Task management - Trello, Asana, Basecamp, Jira
- Repositories - GitHub, GitLab
- Survey / Form creation - SurveyMonkey, Typeform

Content Management Systems

- SharePoint, Simpleview, Mezzanine, WordPress, Umbraco, Craft, SDL Tridion, HubSpot CMS / Marketing Hub

Technical Skills

- HTML, CSS , JavaScript, jQuery, JSON, AJAX
- JSFrameworks/Libraries
- Responsive Design
- API Development: RESTful APIs, Experience integrating and consuming data from third-party APIs
- Version Control & CI/CD
- Testing & Debugging
- Web Performance & Optimization
- Web Accessibility (WCAG / 508 / ADA / ARIA)
- Security, Authentication & Authorization
- Analytics & Optimization - Google Analytics, Google Tag Manager, Crazy Egg, Hotjar, Multivariate (A/B) Testing
- Cross-browser Compatibility
- Progressive Web Apps
- Build and Deployment Tools
- Package Managers & Module Bundlers
- Development Tools & Environments - Visual Studio Code, Sublime Text, Atom, Eclipse IDE

Soft Skills / Personal Attributes

- Effective Communication
- Team Collaboration
- Problem-Solving
- Leadership
- Creativity
- Customer Focus
- Conflict Resolution

WORK EXPERIENCE

Senior UI Developer
NRG Energy, Houston, Texas
July 2020 - September 2023

- Developed front-end enhancements for Multibrand Team websites using Azure/ADO, Java, Spring, JSP, JSTL, HTML5, CSS3, and JavaScript (including JSON and XML manipulation).
- Collaborated with cross-functional teams to successfully implement Adobe Analytics, driving data-driven decision-making processes.
- Utilized Agile Methodology to facilitate rapid feature delivery and responsiveness to changing project requirements.
- Managed CI/CD pipelines using Jenkins, ensuring efficient code deployment and minimizing downtime.
- Implemented version control with Git and ensured smooth deployment on Apache Tomcat for optimal website performance.

Key Projects:

- **Stream Energy Online Enrollment (OE)/Online Account Management (OAM), Green Mountain Energy OE/OAM, Xoom Energy OE/OAM**
    - Led development efforts using MVC architecture, Apache Tomcat hosting, Maven for project lifecycle management, and Spring Boot for RESTful APIs.
    - Enhanced user experience through CSS styling and managed iterative development via Azure DevOps.
    - Automated CI/CD pipelines with Jenkins/Blue Ocean, ensuring streamlined deployment processes.

Responsibilities:

- Facilitated project refinement meetings and conducted thorough code reviews.
- Collaborated closely with teams to ensure seamless integration of UI enhancements.
- Championed Agile practices to optimize development cycles and enhance team efficiency.

Web Developer
Houston First, Destination Marketing Organization for Houston, Texas
February 2015 - July 2020

- Developed reusable components and widgets for Simpleview CMS using HTML5, CSS3, JavaScript (including libraries like Goatee, RequireJS, SlickJS).
- Designed and maintained 12 websites and mobile applications using Adobe Creative Cloud (Photoshop, Illustrator, XD), HTML5, CSS3, JavaScript, jQuery, Zurb Foundation.
- Utilized analytics tools such as Google Analytics, CrazyEgg, Hotjar for data-driven optimizations.
- Managed content and customer relationships using Simpleview CMS, Simpleview CRM, HubSpot CMS / Marketing Hub, ExactTarget, MailChimp, SharePoint, DotNetNuke, WordPress, and Drupal.

Key Achievements:

- Designed and implemented responsive websites and mobile applications that enhanced user engagement and accessibility.
- Integrated various CMS and CRM platforms to streamline content management and customer relationship processes.

Web Designer / Creative Coordinator
Houston Chronicle, Houston, Texas
August 2008 - January 2015

- Created web banners, websites, and rich media campaigns (overlays, peelbacks, sliding billboards, video) for prominent Houston area companies including Academy Sports and Outdoors, IW Marks Jewelers, Ashley Furniture, Bel Furniture, Houston Symphony, HEB, Roomstore, Houston Rockets, Houston Astros, Methodist Hospital, Westside Chevrolet, Lee College, Macy's, Capital One, Lakewood Church, Keller Williams Realtors, etc.
- Utilized HTML, CSS, JavaScript, and ActionScript extensively to develop interactive and visually appealing digital assets.
- Collaborated with marketing teams and clients to conceptualize and execute creative campaigns that met brand objectives and enhanced user engagement.

Achievements:

- Successfully executed high-impact digital campaigns that contributed to increased brand visibility and customer engagement for various clients.
- Utilized advanced web technologies to deliver innovative and effective digital solutions tailored to client needs.

Web Developer
Chevron Inc., USA, Houston, Texas
September 2006 - May 2007

- Developed and maintained intranet sites for Chevron's CBRES GIDC department, ensuring effective communication and collaboration among internal clients.
- Validated, proofread, and debugged websites to maintain high standards of functionality and user experience.
- Interfaced with internal clients including Angola LNG and CBRES to develop customized intranet solutions that met specific business needs.
- Utilized JavaScript development and Tableless CSS Template design to optimize site performance and usability for internal stakeholders.

Achievements:

- Successfully enhanced intranet functionality and user experience through effective web development practices.
- Collaborated closely with cross-functional teams to deliver tailored web solutions that supported internal business operations.

Technology Intern / Web Designer
Houston Independent School District (HISD), Houston, Texas
September 2001 - May 2003

- Selected for a paid internship through the Technology Co-Op program at Westbury Senior High School, which developed into a full-time position.
- Created graphics for offline and online publications using Adobe Photoshop, Illustrator, and Fireworks to support various departmental needs.
- Managed the migration of applications from FrontPage 98 to Dreamweaver, and later to the Vignette Content Management System, enhancing web functionality and usability.
- Collaborated with multiple departments to gather and define requirements for websites, ensuring alignment with organizational goals and user needs.

Achievements:

- Successfully transitioned from an intern to a full-time employee, demonstrating dedication and proficiency in web design and development.
- Played a key role in enhancing web applications and content management systems to support educational initiatives and departmental objectives.

OTHER EXPERIENCE

Lead Web Developer, Digital Strategy Consultant, and Training Specialist

A&C Consulting (Various Clients and Projects), Houston, Texas
June 2006 - Present

- **Amazon:** Taught Front-End Web Development curriculum to approximately 60 Amazon employees at the American College Consortium, covering basic web coding using HTML, CSS, and JavaScript.
- **Community Health Choice:** Designed and developed web presence for internal and external sites using SharePoint and Umbraco CMS for Community Health Choice.
- **KIPP Foundation:** Improved website usability and visual appeal, enhancing course delivery and accessibility on Blackboard LMS.
- **Rice University:** Developed interactive educational video games for the MedMyst Series, N-Squad, and Reconstructors Series, facilitating engaging learning experiences.
- **City of Houston:** Successfully implemented web and print projects that supported City of Houston initiatives, enhancing public service delivery.
- **Chevron Inc., USA:** Successfully validated, proofread, and debugged sites, improving overall site functionality and user experience.
- **Universal Weather & Aviation:** Substituted for the Lead Web Developer, ensuring project continuity and successful delivery during their absence.
- **British Petroleum (BP):** Enhanced the intranet portal, improving internal communication and information sharing.

EDUCATION

University of Houston
Houston, TX
2002 - 2004

Graphic Communications
Non-Graduate

Westbury Senior High School
Houston, TX
1998 - 2002

High School Diploma
Graduate